

ABSTRACT

A method and an industrial robotic device for uniformly applying coatings at appropriate thickness and pitch upon a surface moves a spray applicator foam dispenser between two parallel tracks. The uniform application of foam at each pass is assured, by accelerating the speed of the foam dispenser at the end of each pass, by providing respective curved uphill distal ends of the tracks, so that the spray applicator foam dispenser moves up the curved distal ends and returns quickly while changing speed tilt and direction at the end of each pass.

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